

T.I.P.: R-2514D

CONTRACT: C203492

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLAN
JONES & CRAVEN COUNTIES

LOCATION: US-17 FROM SOUTH OF NC-58 TO THE NEW BERN BYPASS

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

| STD. NO. | TITLE |
|----------|--|
| 901.10 | TYPE 'A' SIGNS |
| 901.20 | TYPE 'B' SIGNS |
| 901.50 | ARROWS AND SHIELDS |
| 901.60 | RIVET SPACING FOR OVERLAYED SIGNS |
| 901.70 | SIGN STRINGERS AND SUPPORT SPACING |
| 901.80 | SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS |
| 903.10 | GROUND MOUNTED SIGN SUPPORTS (EXCEPT 1 OF 3 WHICH IS REPLACED WITH SIGN-2A AND 2 OF 3 WHICH IS REPLACED WITH SIGN-2B IN PLANS) |
| 903.20 | WOOD SIGN POST |
| 904.10 | ORIENTATION OF GROUND MOUNTED SIGNS |
| 904.20 | SECONDARY SIGN MOUNTING |
| 904.30 | SUPPLEMENTAL SIGN MOUNTING |
| 904.40 | MILEPOST AND PLACEMENT (REPLACED WITH SIGN-2C IN PLANS) |
| 904.50 | MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS |
| 1264.01 | OBJECT MARKERS TYPES |
| 1264.02 | OBJECT MARKERS INSTALLATION |

PAY ITEM NOTES

- SIGN ERECTION, TYPE D, E AND F
- SIGN ERECTION, TYPE A (OVERHEAD)
- SIGN ERECTION, TYPE B (OVERHEAD)
- SIGN ERECTION, TYPE A (GROUND MOUNTED)
- SIGN ERECTION, TYPE B (GROUND MOUNTED)
- SIGN ERECTION, MILEMARKERS
- SIGN ERECTION, OVERLAY (OVERHEAD)
- DISPOSAL OF SIGN SYSTEM, STEEL BEAM
- DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- DISPOSAL OF SIGN SYSTEM, WOOD
- DISPOSAL OF SIGN, A OR B (OVERHEAD)
- DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
- OBJECT MARKERS (END OF ROAD)

SUMMARY OF QUANTITIES

| ITEM NO. | | ITEM DESCRIPTION | QUANTITY | UNIT |
|------------|-----------|---|----------|------|
| DESC. NO. | SECT. NO. | | | |
| 4048000000 | 902 | REINFORCED CONCRETE SIGN FOUNDATION | 37 | C.Y. |
| 4054000000 | 902 | PLAIN CONCRETE SIGN FOUNDATION | 2 | C.Y. |
| 4057000000 | SP | OVERHEAD FOOTING | 60 | C.Y. |
| 4060000000 | 903 | SUPPORTS, BREAKAWAY STEEL BEAM | 12,418 | LB. |
| 4066000000 | 903 | SUPPORTS, SIMPLE STEEL BEAM | 11,791 | LB. |
| 4072000000 | 903 | SUPPORTS, 3 LB STEEL U-CHANNEL | 576 | L.F. |
| 4082000000 | 903 | SUPPORTS, WOOD | 3,487 | L.F. |
| 4082100000 | SP | SUPPORTS, OVERHEAD SIGN STRUCTURE 'A' AT -L- STA. 338+00 | 1 | L.S. |
| 4082100000 | SP | SUPPORTS, OVERHEAD SIGN STRUCTURE 'B' AT -Y10- STA. 14+00 | 1 | L.S. |
| 4082100000 | SP | SUPPORTS, OVERHEAD SIGN STRUCTURE 'C' AT -Y10- STA. 20+50 | 1 | L.S. |
| 4096000000 | 904 | SIGN ERECTION, TYPE D | 30 | EA |
| 4102000000 | 904 | SIGN ERECTION, TYPE E | 128 | EA |
| 4108000000 | 904 | SIGN ERECTION, TYPE F | 29 | EA |
| 4109000000 | 904 | SIGN ERECTION, TYPE A (OVERHEAD) | 3 | EA |
| 4109000000 | 904 | SIGN ERECTION, TYPE B (OVERHEAD) | 3 | EA |
| 4110000000 | 904 | SIGN ERECTION, TYPE A (GROUND MOUNTED) | 20 | EA |
| 4110000000 | 904 | SIGN ERECTION, TYPE B (GROUND MOUNTED) | 11 | EA |
| 4114000000 | 904 | SIGN ERECTION, MILEMARKERS | 46 | EA |
| 4115000000 | 904 | SIGN ERECTION, OVERLAY (OVERHEAD) | 1 | EA |
| 4152000000 | 907 | DISPOSAL OF SIGN SYSTEM, STEEL BEAM | 2 | EA |
| 4155000000 | 907 | DISPOSAL OF SIGN SYSTEM, U-CHANNEL | 22 | EA |
| 4158000000 | 907 | DISPOSAL OF SIGN SYSTEM, WOOD | 35 | EA |
| 4234000000 | 907 | DISPOSAL OF SIGN, A OR B (OVERHEAD) | 6 | EA |
| 4236000000 | 907 | DISPOSAL OF SIGN, A OR B (GROUND MOUNTED) | 1 | EA |
| 4915000000 | 1264 | 7' U-CHANNEL POSTS | 9 | EA |
| 4955000000 | 1264 | OBJECT MARKERS (END OF ROAD) | 9 | EA |

GENERAL NOTES

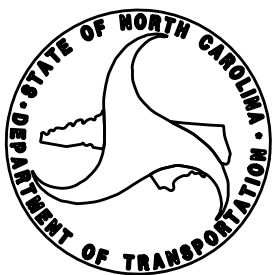
- SIGNS FURNISHED BY STATE
- ALL SIGNS SEE PAY ITEM NOTE 1 UNLESS OTHERWISE NOTED.
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO WOOD SUPPORTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- ALL TYPE 'E' AND 'F' SIGNS SHALL BE MOUNTED ON WOOD SUPPORT(S) UNLESS OTHERWISE INDICATED ON THE PLANS
- U-CHANNEL CROSS BRACING FOR TYPE 'D', 'E', AND 'F' SIGNS ERECTED ON WOOD SUPPORTS IS INCIDENTAL TO THE SIGN ERECTION.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'D', 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER.
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE 'E' AND 'F' SIGNS SHALL BE TYPE C REFLECTIVE SHEETING UNLESS OTHERWISE NOTED.
- DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

INDEX

| SHEET NO. | DESCRIPTION |
|-----------|--|
| SIGN-1 | TITLE SHEET |
| SIGN-2-2C | SUPPORT CHART AND DETAILS |
| SIGN-3-3C | OVERHEAD STRUCTURE LINE DRAWINGS |
| SIGN-4-4R | SIGN DESIGNS, TYPE E & F AND MILEMARKER SHEETS |
| SIGN-5-25 | SIGNING PLAN SHEETS |

CONTACTS: N.C.D.O.T. SIGNING AND DELINEATION UNIT

AYMAN ALQUDWAH, PE SIGNING & DELINEATION REGIONAL ENGINEER
BASIR RASHID SIGNING & DELINEATION PROJECT DESIGN ENGINEER



PLAN PREPARED BY :

HNTB

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A.D. KLINKSIEK, PE, PTOE SIGNING DESIGN ENGINEER
T.R. TERRELL SIGNING DESIGN TECHNICIAN

TIP NO.

R-2514D

SHEET NO.

SIGN-1

DocuSigned by:

Charles A Johnson III

APPROVED:

7802A048CBF4F8...

DATE:

2/5/2015

SEAL